United States Of America

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01505AT-D

This Certificate issued to

Rockwell Collins, Inc.

400 Collins Road NE, M/S 164-100

Cedar Rapids, IA 52498

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product Type Certificate Number A28NM

Airbus Industrie

Make:

A319-100

Model:

Description of Type Design Change: Installation of an Airshow 420 System with 722 RADVR in accordance with TIMCO Master Data List MDL-01235, Revision A, dated 14 November 1997, or later FAA Approved Revision.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 15, 1997 Date reissued: Jan. 06, 1999; Sep. 11, 2002; Jan. 23, 2004

Date of issuance: November 15, 1997 Date amended

By direction of the Administrator

Manager, Technical & Administrative Support Staff, Los Angeles Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

(Signature)

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NOTE:

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Number (STC No.)